

GROSS NECROPSY REPORT

SPECIES Tursiops truncatus **FIELD NUMBER** 32IMMS022311 **DATE** 2/25/11

LOCATION Dauphin Island, AL **LAT**30.23052N **LONG** -88.29443W

GENDER Male **TL** 95.5 cm **COND** 3 **WEIGHT** 9.02 kg

HISTORY: Found dead

NECROPSY

EXTERNAL EXAM: Fetal folds present- 6R/6L, bilaterally symmetrical. Dorsal fin folded to left with crease present. Umbilicus patent: 2 cm diameter. Umbilical arteries present: L- 1.2 cm diameter, R-1.2 cm diameter. Teeth buds on all sides of jaw. No vibrissae present. Follicles present: R-#5, L-#4. Right pectoral fin curved, both floppy. Left eye ruptured. Skin missing around left eye and caudal mandible. Right fluke folded over left. Loss of skin on ventral neck. Multiple broken line scrapes on left lateral neck- probably scavenger marks. Skin loss on left caudal axilla. 2 linear superficial cuts on the ventral thorax- 7.7 cm, 5.5 cm x 0.2 mm. Scavenger marks at umbilicus. Umbilical cord present. Penis extruded. Loss of skin on ventral peduncle caudal to penis and proximal to anus. Skin loss on dorsal caudal peduncle. Loss of skin on caudal dorsal fin, top of head, at blowhole to right side, melon and upper right jaw. Right eye missing. Loss of skin over right eye. 3 cm hole on right lower neck. Loss of skin on right axilla to cranial edge.

INTERNAL EXAM: Bruising on ventral neck and jaw. Bruising on dorsal cranium to shoulder. Bruising on ventral neck and jaw. Bruising on dorsal cranium to shoulder in front of dorsal fin. Skull- multiple fractures along suture lines. Meconium present. Blood and edema along lateral side of lower left jaw. Subpleural air in the venous rete.

BLUBBER: In front of dorsal fin: Dorsal-1.1 cm, Lat- 0.9 cm, Ven-1.0.

MUSCULOSKELETON

Axial Muscle: Bruising on ventral neck and jaw. Bruising on dorsal cranium to shoulder. Bruising on ventral neck and jaw. Bruising on dorsal cranium to shoulder in front of dorsal fin.

Axial Skeleton: Skull- multiple fractures along suture lines. Blood and edema along lateral side of lower left jaw.

Ribs & Sternum: No fractures found.

CIRCULATORY SYSTEM

Heart: Patent ductus arteriosus. Wt- 75 gms.

RESPIRATORY SYSTEM

Blowholes: No discharge seen.

Lungs: Both lungs sunk in water. Dark red homogenous color, firm. Trachea submucosa was dark, black red.

DIGESTIVE SYSTEM

Esophagus: Empty, no ulcers seen.

Fore Stomach: 2 mm x 6 mm whitish calcified spiral shaped object found in stomach. No parasites or food found. No ulcers.

Main Stomach: No parasites or food present. No ulcers.

Pyloric Stomach: No parasites or food present. No ulcers.

Intestine: Too decomposed to evaluate.

Describe food-stuffs found in GI Tract: none present

Describe parasites found in GI Tract: None found.

Liver: Decomposing.

Pancreas: too decomposed to evaluate.

URINARY SYSTEM

Kidneys: no stones found.

Adrenals: Dark red.

Urinary Bladder:

ENDOCRINE & HEMOLYMPHATIC SYSTEMS

Thymus: Too decomposed.

Thyroid: Too decomposed.

Pituitary: Too decomposed.

Spleen: Too decomposed.

Lymph Nodes: Too decomposed.

REPRODUCTIVE TRACT: Left testicle- 4 cm, Right- 6 cm

CENTRAL NERVOUS SYSTEM

Brain: Too decomposed. Dura mater did not have any hemorrhaging.

Spinal Cord: No abnormality seen.

HEAD

SENSORY ORGANS

Eyes: Left eye ruptured, Right eye missing.

CONCLUSIONS: Stillborn. Multiple skull fractures along suture lines. No hemorrhage on dura mater. Bruising (hemorrhage/edema) on neck, shoulder, jaw.

Carcass Disposition: Frozen IMMS

CAUSE OF DEATH FROM FIELD DETERMINATION:

This report was generated by: Dr. Connie Chevis

PHOTOS/VIDEO: Yes/No

ASSOCIATED DATA SHEETS: Level A Data Form, Delphinid Specimen record, MM Necropsy Tissue form, Fetus/Neonate form, NOAA Chain of custody record-PAHs.



